

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF AN INTERCONNECT SYSTEM AND VIDEO DETECTION ALONG MD 22 (CHURCHVILLE ROAD). FROM PROSPECT MILL ROAD TO CAMPUS HILLS SHOPPING CENTER IN HARFORD COUNTY, MARYLAND. MD 22 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

INTERSECTION OPERATION

THE EXISTING PHASING WILL REMAIN THE SAME AT EACH INTERSECTION.

CONTROLLER REQUIREMENTS

THE EXISTING BASE MOUNTED CABINET AND MASTER CONTROLLER AT MD 22 AND PROSPECT MILL ROAD, POLE MOUNTED CABINET AND CONTROLLER AT MD 22 AND THOMAS RUN ROAD AND THE BASE MOUNTED CABINET CONTROLLER AT THE INTERSECTIONS OF MD 22 AND HARFORD COMMUNITY COLLEGE AND CAMPUS HILLS SHOPPING CENTER WILL BE USED.

VIDEO INTERFACE EQUIPMENT TO BE INSTALLED IN EXISTING CONTROLLER CABINET AT MD 22 AND PROSPECT MILL ROAD, AND MD 22 AND CAMPUS HILLS SHOPPING CENTER.

MAINTENANCE OF TRAFFIC

THE FOLLOWING MINIMUM TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT.

STANDARD NO. MD-104.04-01 (SHOULDER WORK)	STANDARD NO. MD-104.04-13 (LEFT TURN BAY CLOSURE)
STANDARD NO. MD-104.04-03 (LEFT LANE CLOSURE)	STANDARD NO. MD-104.04-15 (INTERSECTION LEFT LANE, TURN BAY)
STANDARD NO. MD-104.04-05 (RIGHT LANE CLOSURE)	
STANDARD NO. MD-104.04-07 (CENTER LANE CLOSURE)	

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MR. RANDALL SCOTT ASSISTANT DISTRICT ENGINEER - TRAFFIC PHONE: (410) 321-2781/2785	MR. MIKE PASQUARIELLO ASST. DISTRICT UTILITY ENGINEER PHONE: (410) 321-2841
MR. STEVE MARCISZEWSKI ASSISTANT DISTRICT ENGINEER - MAINTENANCE PHONE: (410) 321-2761	MR. RICHARD L. DAFF, SR. CHIEF, TRAFFIC OPERATIONS DIVISION PHONE: (410) 787-7630

<u>EQUIPMENT LIST "A"</u>		
A. EQUIPMENT TO BE SUPPLIED BY THE SHA		
<u>ITEM NO.</u>	<u>QUANTITY</u>	<u>DESCRIPTION</u>
9000	2 EACH	QUICK CONNECT BLOCK AND HARNESS FOR TELEMETRY I/O PANEL
9000	2 EACH	VIDEO INTERFACE EQUIPMENT 1-4 CAMERAS

EQUIPMENT LIST "C"

NO EQUIPMENT TO BE REMOVED AND RETURNED TO SHA

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

<u>ITEM NO.</u>	<u>QUANTITY</u>	<u>DESCRIPTION</u>
1002	1 EACH	MAINTENANCE OF TRAFFIC
8006	1 EACH	3/4" TO 3" BLIND COUP WELDED & GALV
8013	4 EACH	CONTROL CABLE, 200 FT. VIDEO DETECTION CAMERA TO CONTROLLER
8014	3 EACH	CONTROL CABLE, 500 FT. VIDEO DETECTION CAMERA TO CONTROLLER
8048	660 L.F.	3 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED
8051	1275 L.F.	3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8056	15 L.F.	1 INCH LIQUID-TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8064	6 EACH	NONINVASIVE DETECTOR, 1000 FOOT LEAD IN CABLE
8065	17 EACH	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8069	7 EACH	VIDEO DETECTION CAMERA
8081	4000 L.F.	12-PAIR COMMUNICATION CABLE, JELLYFILLED (UNDERGROUND)
8094	125 L.F.	ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHIELDED)
8100	140 L.F.	LOOP WIRE ENCASED IN 1/4 INCH FLEXIBLE TUBING (NO. 14 A.W.G.)
8101	190 L.F.	SAW CUT FOR SIGNAL (LOOP DETECTOR)

TOD No. AT720-12
SHA No.: HA317151/B51

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

IC-06

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